



Career and Technology Education Data Collection & Reporting 2010-2011

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CATE Regional Meetings
Spring 2011**

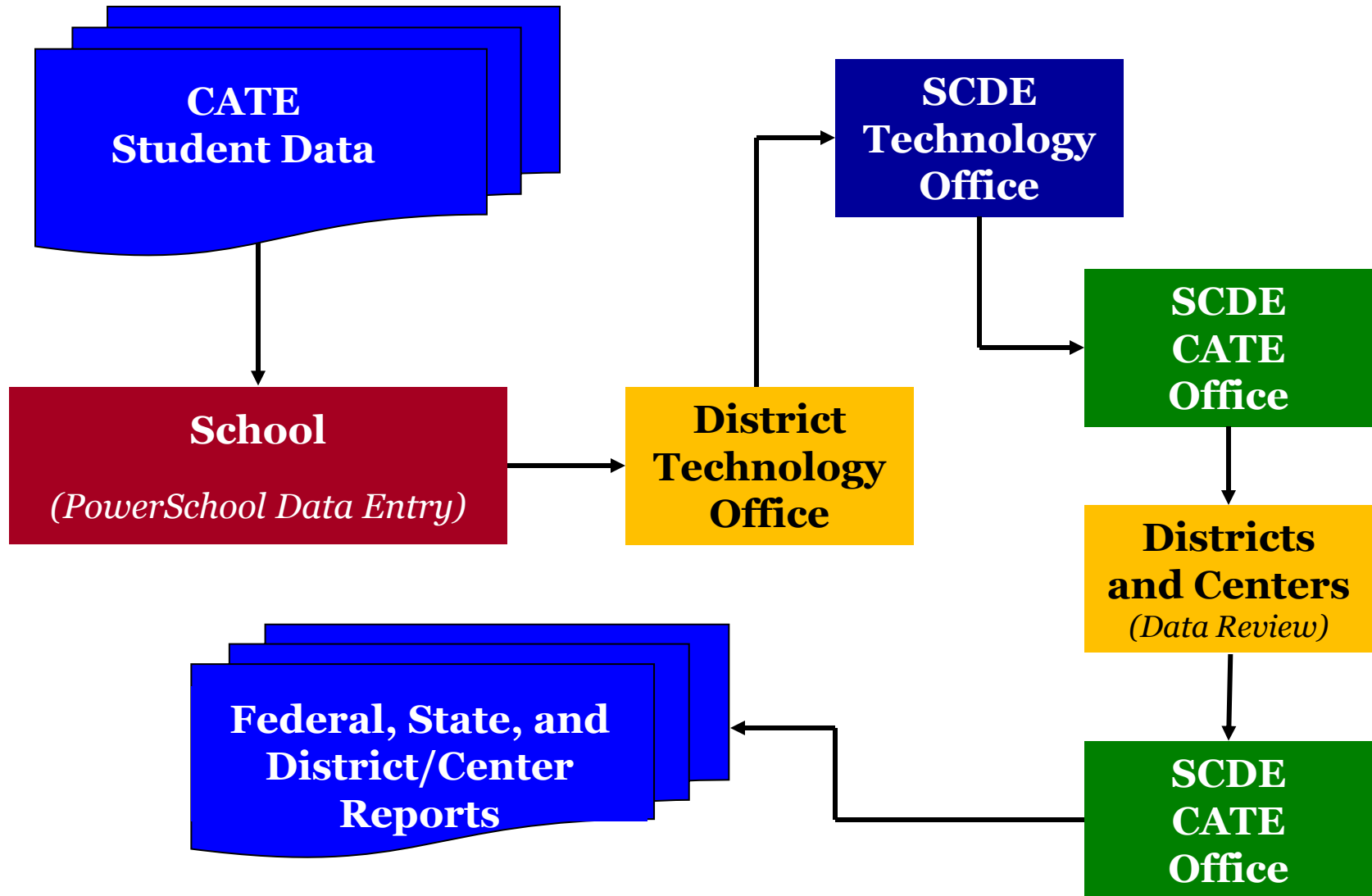
TOPICS

- **Data Collection Process**
- **Data Requirements**
- **General Notes**



DATA COLLECTION PROCESS

DATA COLLECTION PROCESS



DATA FIELDS – CATE PAGE

- **Single Parent***
- **Displaced Homemaker***
- **Exceptions**
- **Diploma Earned** (*View Only*)
- **CATE Concentrator**
- **CIP Code****
- **Custom/Cross-Cluster CIP Code** (*Approval Required*)
- **Completer**
- **Completion Year**
- **Remote School Number**
- **Certification**
- **CATE Placement**

**Special Population: students may fall into more than one special population category.*

***Also used to determine nontraditional students, a special population category.*

DIPLOMA EARN

(Formerly Diploma)

- **State/Province – SC page; Student Supplemental Tab**
- **Automatic update of View Only status on CATE page**
- **Report summer graduates and GED recipients by September 1**

Primary Uses

Perkins Performance, Report Cards

Data Entry

F – State of SC Diploma

H – State of SC Certificate

N – District non-diploma document

STATE-RECOGNIZED CATE PROGRAMS

- Must be comprised of an **approved sequence** of career and technology education courses leading to a career goal
- Must include a **minimum of four (4)** Carnegie units of credit
- Courses must be offered **as outlined in the CATE Student Reporting Procedures Guide, Appendix C**
- Does **not include a hodge-podge** of courses

CATE CONCENTRATOR

- Secondary student with an assigned CIP code who has earned three (3) Carnegie units of credit in a state-recognized CATE program
- Federally mandated student identifier
- All CIP-coded students must be Concentrators

Primary Use

Perkins Performance

Data Entry

Appropriate value in drop down list

CIP Code

- Designates the specific **state-recognized CATE program** in which a CATE concentrator earned at least three (3) units of credit
- All Concentrators must be assigned CIP codes as outlined in the CATE Student Reporting Procedures Guide, Appendix C

Primary Uses

CATE Program Enrollment, Nontraditional Status

Data Entry

Appropriate code in drop down list

CIP CODES: AN EXAMPLE

Business Information Management

521206

Required Courses:

Web Page Design and Development 1

Digital Desktop Publishing

Plus two or more of the following:

- ❖ **Foundations of Animation**
- ❖ **Image Editing 1**
- ❖ **Image Editing 2**
- ❖ **Digital Input Technologies**
- ❖ **Digital Multimedia**
- ❖ **Entrepreneurship**
- ❖ **Fundamentals of Project Mgmt**
- ❖ **GIS Technology 1**
- ❖ **GIS Technology 2**
- ❖ **Information Technology Foundations**
- ❖ **Integrated Business Applications 1**
- ❖ **Integrated Business Applications 2**
- ❖ **Professional & Leadership Development**
- ❖ **Web Page Design and Development 2**
- ❖ **Business, Mgmt, & Admin., WBC**

CIP CODES: AN EXAMPLE

Business Information Management

521206

Required Courses:

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Plus two or more of the following:

- ❖ Foundations of Animation
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- ❖ Entrepreneurship
- ❖ Fundamentals of Project Mgmt
- ❖ GIS Technology 1
- ❖ GIS Technology 2
- ❖ Information Technology Foundations
- ❖ Integrated Business Applications 1
- ❖ Integrated Business Applications 2
- ❖ Professional & Leadership Development
- ❖ Web Page Design and Development 2
- ❖ Business, Mgmt, & Admin., WBC

COMPLETER

CATE concentrator who has earned ALL of the required units in a **state-recognized CATE program** identified by the assigned CIP code

Examples

- *Concentrators pursuing completion of a **4-unit** CATE program would be designated a Completer when the 4th unit is earned*
- *Concentrators pursuing completion of a **6-unit** CATE program would be designated a Completer when the 6th unit is earned*

Primary Uses

Perkins Performance, Report Cards (Placement), Incentive Funding

Data Entry

Appropriate value from drop down list

CATE PROGRAMS~CAREER MAJORS

CATE Programs

- Sequence of **career and technology education courses** leading to a career goal
- **No academic courses**
- Minimum of four Carnegie units of credit

Career Majors (EEDA)

- Sequence of **four elective courses** leading to a specified career goal within a cluster of study
- Can include **academic and career and technology education courses**
- Minimum of four Carnegie units of credit

CATE PROGRAMS ~ CAREER MAJORS

	CATE – PowerSchool	EEDA – eIGP
Program	Environmental & Natural Resources Management	Natural Resources/Conservation, General
CIP Code	030101	03.0101
Course Options*	5660 – Agricultural Mechanics and Technology 5624 – Agricultural Science and Technology 5620 – Agricultural Science & Tech. for the Workplace 5663 – Aquaculture 5626 – Environmental & Natural Resources Mgmt 5628 – Env. & Nat. Resources Mgmt for the Wrkpl 1 5629 – Env. & Nat. Resources Mgmt for the Wrkpl 2 5621 – Equipment Operation and Maintenance 5642 – Forestry 5602 – Outdoor Recreation 5627 – Soil and Water Conservation 5674 – Wildlife Management 5690 – Agriculture, Food, & Natural Resources, WBC	5624 - Agricultural & Environmental Sciences 5610 - Agricultural Mechanics 3265 - Earth Science 3225 - Environmental & Marine Science 5626 - Environmental & Natural Resources 1 5627 - Environmental & Natural Resources 2 5642 - Forestry 5674 - Wildlife Management

**Courses listed are for example purposes only.*

CUSTOM/CROSS-CLUSTER CIP CODES

- **Customized CATE programs**
 - **Custom:** within a cluster
 - **Cross-Cluster:** across two or more cluster areas
- **Prior student-level approval required**
- **Separate field in PowerSchool**

Primary Uses (Approved)

Perkins Performance, Report Cards

Data Entry

Six-digit CIP code provided upon approval

APPROVED CUSTOM/CROSS-CLUSTER CIP-CODED STUDENTS

Actual School Year	Data Year	Allocation Year	Incentive Funding (Completers)	Accountability (Concentrators and Completers)
2009-10	2008-09	2010-11	Yes	Yes
2010-11	2009-10	2011-12	Yes	Yes
2011-12	2010-11	2012-13	No	Yes
2012-13	2011-12	2013-14	No	Yes

Note: For incentive funding, students are only counted the first time that they appear in the data as a completer.

COMPLETION YEAR

Semester and the year in which the student completed the required units in a state-recognized CATE program

Data Entry

FA10 - Fall 2010

SP11 - Spring 2011

REMOTE SCHOOL NUMBER

- **Location where the CATE program is offered**
- **Enter only if the program is offered at a location other than the student's high school**

Primary Uses

Perkins Performance, Report Cards, CATE Program Enrollment

Data Entry

Seven-digit school identification number

CERTIFICATIONS

- **National and state certifications and credentials**
- **Up to three per student**

Data Entry

Appropriate certification in drop down list

Examples

Certified Nurse Aide

Cisco Certified Network Associate

ProStart

NCCER – Core

S. C. Cosmetology License

CATE PLACEMENT CODE

- **Completers of CATE programs are surveyed ten months after graduation to determine placement status**
- **Maintain records for a period of three years**
- **Data Collection Deadline: April 15, 2011**

Primary Uses

Perkins Performance, Report Cards

Data Entry

Appropriate value from drop down list

CATE POWER SCHOOL PAGE

SC Career & Technology Educ. Data Entry

CATE	Early Childhood	Student Supplemental	Precode	Transport	Work-Based Learning
Single Parent	<input type="text"/>		Displaced Homemaker	<input type="text"/>	
Exceptions	<input type="text"/>		Diploma Earned	<input type="text"/>	
CATE Concentrator	<input type="text"/>				
CIP code	<input type="text"/>				
Custom/Cross-Cluster CIP Code	<input type="text"/>				
Completer	<input type="text"/>		Completion Year	<input type="text"/>	
Remote School Number	<input type="text"/>				
Certification 1	<input type="text"/>				
Certification 2	<input type="text"/>				
Certification 3	<input type="text"/>				
CATE Placement Code	<input type="text"/>				
Placement Employer	<input type="text"/>				
Placement Phone	<input type="text"/>				
Placement Job Title	<input type="text"/>				
Placement Supervisor Name	<input type="text"/>				
Placement Start Date	<input type="text"/>				
Placement Higher Ed Name	<input type="text"/>				
Placement Higher Ed Program	<input type="text"/>				
Placement Military Branch	<input type="text"/>				
Placement Military Training	<input type="text"/>				



DATA FIELDS – OTHER PAGES

Field	Page/Tab in PowerSchool
Lunch Status <i>(Economically Disadvantaged*)</i>	Lunch Page
EFA Primary <i>(Individuals with Disabilities*)</i>	EFA/EIA Classification Information Page
English Proficient <i>(LEP*)</i>	Additional Student Information Page
Migrant*	Additional Student Information Page
Diploma Earned	State/Province – SC Page Student Supplemental Tab
District Where Taught	Scheduling, Sections Page
School Where Taught	Scheduling, Sections Page

**Special Population: students may fall into more than one special population category.*

DISTRICT WHERE TAUGHT/SCHOOL WHERE TAUGHT

- **Location where the CATE course is offered**
- **Enter only if the course is taught at a school or career center other than the student's home high school**
- **Scheduling, Sections Page**

Primary Uses

Report Cards, CATE Course Enrollment

Data Entry: District Where Taught

First 4 digits of school identification number (e.g., 0201, 4501)

Data Entry: School Where Taught

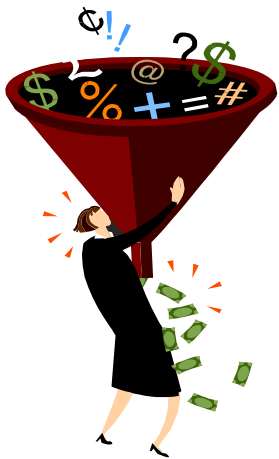
Last 3 digits of school identification number (e.g. 995, 001)



DATA REQUIREMENTS

CATE DATA REQUIREMENTS AND USAGE

- **Accountability**
 - **Perkins IV** (*Federal*)
 - **School Report Cards** (*State*)
- **Placement**
- **Allocation of Funds**
- **Enrollments**
- **Planning**



PERKINS IV ACCOUNTABILITY INDICATORS

1S1 - Academic Attainment: Reading/Language Arts
(12th grade concentrators)

1S2 - Academic Attainment: Mathematics
(12th grade concentrators)

2S1 - Technical Skill Attainment
(Concentrators who complete a CATE program)

3S1 - Secondary School Completion
(12th grade concentrators who complete a CATE program)

PERKINS IV ACCOUNTABILITY INDICATORS

4S1 - Student Graduation Rates
(Concentrators)

5S1 - Secondary Placement
(Concentrators who complete a CATE program)

6S1 - Nontraditional Participation
(Concentrators)

6S2 - Nontraditional Completion
(12th grade nontraditional concentrators)

Calculation methodology can be found on CATE Data Collection Web page.

REPORT CARD MEASURES & INDICATORS

Career Center Measures

Technical Skill Attainment

Graduation

Placement

High School Indicators

Technical Skill Attainment

Placement

ALL students taking CATE courses



GENERAL NOTES

COMMON DATA PROBLEMS

- **Concentrator Field**
- **CIP Code Field**
- **Completer Field**
- **Diploma Earn Field**
- **Completion Year Field**
- **Remote School Number Field**
- **Custom and Cross-Cluster CIP Codes**
 - **Coded in PowerSchool but not approved**
 - **Generic career goals**
 - **Changing application format**
 - **Inconsistency between electronic and hard copies**



DATA QUALITY TIPS

- Know and understand **federal and state data requirements**
- Read **CATE Student Reporting Procedures Guide**
- Check **CATE Data Collection Web page** for changes/updates
- **Conduct/coordinate** CATE data collection and entry
- **Establish and maintain communication** among all key data players
- Make sure **accurate entries** are made in the Student Information System in a **timely manner**
- Request reports to **review data for accuracy** prior to data submission to SCDE and during data review process and **allow time for corrections**
- **Bad data can affect Perkins Performance and Report Card Ratings and Funding!**

IMPORTANT DATES

Custom/Cross-Cluster Application Deadline

March 1, 2011

Placement Report

April 15, 2011

End-of-Year Report

4th Quarterly Data Collection (QDC4)

RESOURCES

Student Reporting Procedures Guide

Official CATE document for data collection

<http://www.ed.sc.gov/agency/Standards-and-Learning/Career-and-Technology-Education/old/cate/datacollection/DataCollection.html>

Activity Coding System for the Student Information System

Official document for all SCDE approved courses

<http://ed.sc.gov/agency/Accountability/Technology-Services/SASI-Manuals-and-Reference-Materials.html>

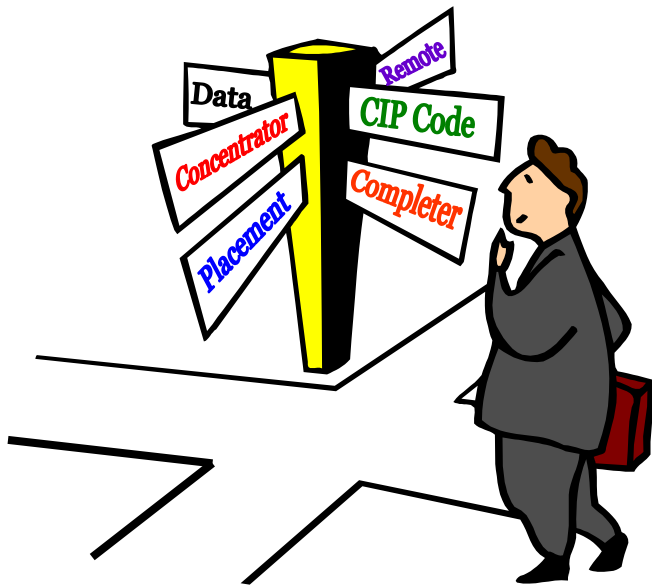


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